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# OM protein - protein search, using sw model

Run on: September 7, 2005, 20:03:26 ; Search time 43 Seconds  
(without alignments)  
8.680 Million cell updates/sec

Title: US-10-812-238B-41

Perfect score: 32

Sequence: 1 CRGDD 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

Database : Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/iaa/5A COMB.pep:\*  
2: /cgn2\_6/prodata/1/iaa/5B COMB.pep:\*  
3: /cgn2\_6/prodata/1/iaa/6A COMB.pep:\*  
4: /cgn2\_6/prodata/1/iaa/6B COMB.pep:\*  
5: /cgn2\_6/prodata/1/iaa/PCUTS COMB.pep:\*  
6: /cgn2\_6/prodata/1/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	32	100.0	7	1	US-08-421-702A-17
2	32	100.0	7	1	US-08-303-052A-17
3	32	100.0	7	1	US-08-421-696A-17
4	32	100.0	7	1	US-08-421-697A-17
5	32	100.0	7	1	US-08-421-698A-17
6	32	100.0	7	2	US-08-421-695A-17
7	32	100.0	7	5	PCT-US95-04741-17
8	32	100.0	9	1	US-08-421-702A-26
9	32	100.0	9	1	US-08-421-696A-26
10	32	100.0	9	1	US-08-421-697A-26
11	32	100.0	9	1	US-08-421-698A-26
12	32	100.0	9	2	US-08-421-695A-26
13	32	100.0	9	5	PCT-US95-04741-26
14	32	100.0	233	4	US-09-360-376-55
15	32	100.0	376	4	US-09-489-039A-8789
16	32	100.0	424	4	US-09-489-039A-12030
17	32	100.0	488	4	US-09-489-039A-13164
18	29	90.6	7	1	US-08-421-702A-8
19	29	90.6	7	1	US-08-421-696A-8
20	29	90.6	7	1	US-08-421-697A-8
21	29	90.6	7	1	US-08-421-698A-8
22	29	90.6	7	2	PCT-US95-04741-8
23	29	90.6	7	5	PCT-US95-04741-8
24	29	90.6	92	4	US-09-302-540-14307
25	29	90.6	105	4	US-09-489-039A-13562
26	29	90.6	357	4	US-09-248-796A-21669
27	29	90.6	639	4	US-09-252-991A-18903

28	87.5	9	1	US-08-421-702A-27	Sequence 27, Appl
29	87.5	9	1	US-08-421-696A-27	Sequence 27, Appl
30	87.5	9	1	US-08-665-220-59	Sequence 59, Appl
31	87.5	9	1	US-08-421-697A-27	Sequence 27, Appl
32	87.5	9	1	US-08-421-698A-27	Sequence 27, Appl
33	87.5	9	2	US-08-421-695A-27	Sequence 27, Appl
34	87.5	9	2	US-08-618-408B-59	Sequence 59, Appl
35	87.5	9	3	US-09-257-218-74	Sequence 74, Appl
36	87.5	9	3	US-09-311-760-74	Sequence 74, Appl
37	87.5	9	3	US-09-291-692-59	Sequence 59, Appl
38	87.5	9	3	US-09-561-756-112	Sequence 112, Appl
39	87.5	9	3	US-09-227-721-112	Sequence 112, Appl
40	87.5	9	4	US-08-865-579-74	Sequence 74, Appl
41	87.5	9	4	US-10-059-743-74	Sequence 74, Appl
42	87.5	9	4	US-09-954-697-112	Sequence 112, Appl
43	87.5	9	4	US-09-952-768-59	Sequence 59, Appl
44	87.5	9	5	PCT-US95-04741-27	Sequence 27, Appl
45	87.5	39	1	US-07-602-847C-16	Sequence 16, Appl
46	87.5	39	3	US-08-817-787-32	Sequence 32, Appl
47	87.5	39	4	US-09-583-808-32	Sequence 32, Appl
48	87.5	41	3	US-08-817-787-36	Sequence 36, Appl
49	87.5	41	4	US-09-583-808-36	Sequence 36, Appl
50	87.5	42	3	US-08-817-787-34	Sequence 34, Appl
51	87.5	42	4	US-09-583-808-34	Sequence 34, Appl
52	87.5	46	3	US-09-257-218-16	Sequence 16, Appl
53	87.5	46	3	US-09-311-760-16	Sequence 16, Appl
54	87.5	46	4	US-08-865-579-16	Sequence 16, Appl
55	87.5	46	4	US-10-059-749-16	Sequence 16, Appl
56	87.5	56	3	US-09-187-789-58	Sequence 58, Appl
57	87.5	56	4	US-09-139-600-53	Sequence 53, Appl
58	87.5	56	4	US-09-989-903-58	Sequence 58, Appl
59	87.5	131	4	US-09-621-976-5011	Sequence 5011, Ap
60	87.5	192	4	US-09-489-039A-13402	Sequence 13402, A
61	87.5	416	4	US-09-949-016-6648	Sequence 6648, Ap
62	87.5	417	3	US-08-705-771-18	Sequence 18, Appl
63	87.5	417	4	US-09-417-540-18	Sequence 18, Appl
64	87.5	421	3	US-08-983-502-10	Sequence 10, Appl
65	87.5	421	4	US-09-516-747-10	Sequence 10, Appl
66	87.5	421	5	PCT-US96-10521-10	Sequence 10, Appl
67	87.5	426	4	US-09-252-991A-25316	Sequence 25316, A
68	87.5	433	4	US-09-489-039A-8143	Sequence 8143, Ap
69	87.5	435	3	US-08-258-287B-53	Sequence 53, Appl
70	87.5	435	3	US-08-368-704C-51	Sequence 51, Appl
71	87.5	435	3	US-09-561-756-9	Sequence 9, Appl
72	87.5	435	3	US-09-227-721-9	Sequence 9, Appl
73	87.5	435	4	US-08-816-075-2	Sequence 2, Appl
74	87.5	435	4	US-08-724-378D-9	Sequence 9, Appl
75	87.5	435	4	US-09-954-697-9	Sequence 9, Appl
76	87.5	435	4	US-09-291-289-10	Sequence 10, Appl
77	87.5	435	4	US-09-851-873-97	Sequence 97, Appl
78	87.5	435	5	PCT-US94-07127A-4	Sequence 4, Appl
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80	87.5	441	3	US-08-368-704C-43	Sequence 43, Appl
81	87.5	441	4	US-09-949-016-9778	Sequence 1738, Ap
82	87.5	503	4	US-09-902-540-11343	Sequence 11343, A
83	87.5	686	4	US-09-252-991A-18115	Sequence 18115, A
84	87.5	730	1	US-08-121-713D-58	Sequence 58, Appl
85	87.5	730	1	US-08-835-268-58	Sequence 58, Appl
86	87.5	730	2	US-09-060-692-58	Sequence 58, Appl
87	87.5	730	3	US-08-833-391-58	Sequence 58, Appl
88	87.5	730	3	US-09-060-610-58	Sequence 58, Appl
89	87.5	730	5	PCT-US94-10151A-58	Sequence 58, Appl
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91	84.4	7	1	US-08-421-702A-68	Sequence 68, Appl
92	84.4	7	1	US-08-421-702A-91	Sequence 91, Appl
93	84.4	7	1	US-08-303-052A-31	Sequence 31, Appl
94	84.4	7	1	US-08-303-052A-49	Sequence 49, Appl
95	84.4	7	1	US-08-421-696A-68	Sequence 68, Appl
96	84.4	7	1	US-08-421-697A-68	Sequence 68, Appl
97	84.4	7	1	US-08-421-697A-91	Sequence 91, Appl
98	84.4	7	1	US-08-421-697A-91	Sequence 91, Appl
99	84.4	7	1	US-08-421-698A-91	Sequence 91, Appl
100	84.4	7	1	US-08-421-698A-91	Sequence 91, Appl

101	27	84.4	7	2	US-08-421-695A-31	Sequence 31, Appl	174	26	81.2	7	1	US-08-445-745-22	Sequence 22, Appl
102	27	84.4	7	2	US-08-421-695A-49	Sequence 49, Appl	175	26	81.2	7	1	US-08-445-745-23	Sequence 23, Appl
103	27	84.4	54	4	US-09-471-276-957	Sequence 957, App	176	26	81.2	7	1	US-08-445-745-28	Sequence 28, Appl
104	27	84.4	57	1	US-08-358-160-126	Sequence 126, App	177	26	81.2	7	1	US-08-445-745-29	Sequence 29, Appl
105	27	84.4	107	4	US-09-902-540-13303	Sequence 13303, A	178	26	81.2	7	1	US-08-421-702A-45	Sequence 45, Appl
106	27	84.4	154	4	US-09-270-767-46510	Sequence 46510, A	179	26	81.2	7	1	US-08-421-702A-78	Sequence 78, Appl
107	27	84.4	170	4	US-09-252-991A-26152	Sequence 26152, A	180	26	81.2	7	1	US-08-421-702A-87	Sequence 87, Appl
108	27	84.4	214	3	US-08-846-790A-1	Sequence 1, Appl	181	26	81.2	7	1	US-08-421-702A-88	Sequence 88, Appl
109	27	84.4	214	3	US-08-935-333-1	Sequence 1, Appl	182	26	81.2	7	1	US-08-421-702A-107	Sequence 107, App
110	27	84.4	219	4	US-09-050-739-14	Sequence 14, Appl	183	26	81.2	7	1	US-08-421-702A-108	Sequence 108, App
111	27	84.4	250	4	US-09-248-796A-22986	Sequence 22986, A	184	26	81.2	7	1	US-08-303-052A-27	Sequence 27, Appl
112	27	84.4	263	2	US-08-391-916A-8	Sequence 8, Appl	185	26	81.2	7	1	US-08-303-052A-37	Sequence 37, Appl
113	27	84.4	280	4	US-09-601-478-5	Sequence 5, Appl	186	26	81.2	7	1	US-08-303-052A-39	Sequence 39, Appl
114	27	84.4	280	4	US-09-601-478-8	Sequence 8, Appl	187	26	81.2	7	1	US-08-303-052A-48	Sequence 48, Appl
115	27	84.4	280	4	US-09-442-013-13	Sequence 13, Appl	188	26	81.2	7	1	US-08-303-052A-106	Sequence 106, App
116	27	84.4	280	4	US-09-513-365A-1	Sequence 1, Appl	189	26	81.2	7	1	US-08-303-052A-107	Sequence 107, App
117	27	84.4	326	1	US-09-513-365A-6	Sequence 6, Appl	190	26	81.2	7	1	US-08-421-696A-45	Sequence 45, Appl
118	27	84.4	326	1	US-08-292-543-4	Sequence 4, Appl	191	26	81.2	7	1	US-08-421-696A-78	Sequence 78, Appl
119	27	84.4	326	5	PT-US91-02207-4	Sequence 4, Appl	192	26	81.2	7	1	US-08-421-696A-87	Sequence 87, Appl
120	27	84.4	351	4	US-09-543-681A-8338	Sequence 8338, Ap	193	26	81.2	7	1	US-08-421-696A-88	Sequence 88, Appl
121	27	84.4	559	4	US-09-596-248D-23	Sequence 23, Appl	194	26	81.2	7	1	US-08-421-696A-107	Sequence 107, App
122	27	84.4	603	1	US-08-190-802A-50	Sequence 50, Appl	195	26	81.2	7	1	US-08-421-696A-108	Sequence 108, App
123	27	84.4	603	3	US-08-477-345-50	Sequence 50, Appl	196	26	81.2	7	1	US-08-421-697A-45	Sequence 45, Appl
124	27	84.4	603	3	US-08-473-085-50	Sequence 50, Appl	197	26	81.2	7	1	US-08-421-697A-78	Sequence 78, Appl
125	27	84.4	603	4	US-08-487-072A-50	Sequence 50, Appl	198	26	81.2	7	1	US-08-421-697A-87	Sequence 87, Appl
126	27	84.4	605	1	US-08-190-802A-49	Sequence 49, Appl	199	26	81.2	7	1	US-08-421-697A-88	Sequence 88, Appl
127	27	84.4	605	3	US-09-063-950-5	Sequence 5, Appl	200	26	81.2	7	1	US-08-421-697A-107	Sequence 107, App
128	27	84.4	605	3	US-08-477-345-49	Sequence 49, Appl	201	26	81.2	7	1	US-08-421-697A-108	Sequence 108, App
129	27	84.4	605	3	US-08-473-089-49	Sequence 49, Appl	202	26	81.2	7	1	US-08-421-698A-45	Sequence 45, Appl
130	27	84.4	605	4	US-08-487-072A-49	Sequence 49, Appl	203	26	81.2	7	1	US-08-421-698A-78	Sequence 78, Appl
131	27	84.4	605	4	US-09-538-092-1087	Sequence 1087, Ap	204	26	81.2	7	1	US-08-421-698A-87	Sequence 87, Appl
132	27	84.4	623	4	US-09-949-016-10995	Sequence 10995, A	205	26	81.2	7	1	US-08-421-698A-88	Sequence 88, Appl
133	27	84.4	1011	4	US-09-538-092-1106	Sequence 1106, Ap	206	26	81.2	7	1	US-08-421-698A-107	Sequence 107, App
134	27	84.4	1854	3	US-09-004-838-108	Sequence 108, App	207	26	81.2	7	1	US-08-421-698A-108	Sequence 108, App
135	26	81.2	4	1	US-08-240-711-4	Sequence 4, Appl	208	26	81.2	7	2	US-08-421-695A-37	Sequence 37, Appl
136	26	81.2	4	1	US-08-457-753-4	Sequence 4, Appl	209	26	81.2	7	2	US-08-421-695A-39	Sequence 39, Appl
137	26	81.2	5	1	US-07-885-202A-1	Sequence 1, Appl	210	26	81.2	7	2	US-08-421-695A-48	Sequence 48, Appl
138	26	81.2	5	1	US-08-212-186A-10	Sequence 10, Appl	211	26	81.2	7	2	US-08-421-695A-107	Sequence 107, App
139	26	81.2	5	1	US-08-425-238-8	Sequence 8, Appl	212	26	81.2	7	2	US-08-421-695A-108	Sequence 108, App
140	26	81.2	5	1	US-08-425-787-1	Sequence 1, Appl	213	26	81.2	7	2	US-08-421-695A-126	Sequence 126, App
141	26	81.2	5	1	US-08-425-475-1	Sequence 1, Appl	214	26	81.2	7	2	US-08-421-695A-127	Sequence 127, App
142	26	81.2	5	1	US-08-406-862-1	Sequence 1, Appl	215	26	81.2	7	2	US-08-286-861-13	Sequence 13, Appl
143	26	81.2	5	1	US-08-406-935-1	Sequence 1, Appl	216	26	81.2	7	2	US-08-286-861-14	Sequence 14, Appl
144	26	81.2	5	2	US-08-625-695A-10	Sequence 10, Appl	217	26	81.2	7	2	US-08-286-861-30	Sequence 30, Appl
145	26	81.2	5	2	US-08-335-832-42	Sequence 42, Appl	218	26	81.2	7	3	US-09-139-802-220	Sequence 220, App
146	26	81.2	5	2	US-08-753-781-35	Sequence 35, Appl	219	26	81.2	7	3	US-09-426-680-11	Sequence 11, Appl
147	26	81.2	5	2	US-08-286-861-37	Sequence 37, Appl	220	26	81.2	7	4	US-09-659-786-220	Sequence 220, App
148	26	81.2	5	3	US-09-141-127-15	Sequence 15, Appl	221	26	81.2	7	4	US-08-445-638-18	Sequence 18, Appl
149	26	81.2	5	3	US-08-924-002-10	Sequence 10, Appl	222	26	81.2	7	4	US-08-445-638-19	Sequence 19, Appl
150	26	81.2	5	4	US-09-540-448-24	Sequence 24, Appl	223	26	81.2	7	4	US-08-445-638-22	Sequence 22, Appl
151	26	81.2	5	4	US-09-243-640-22	Sequence 22, Appl	224	26	81.2	7	4	US-08-445-638-23	Sequence 23, Appl
152	26	81.2	5	4	US-08-929-847-24	Sequence 24, Appl	225	26	81.2	7	4	US-08-445-638-28	Sequence 28, Appl
153	26	81.2	5	4	US-09-813-484-24	Sequence 24, Appl	226	26	81.2	7	4	US-08-445-638-29	Sequence 29, Appl
154	26	81.2	5	4	US-10-046-801-24	Sequence 24, Appl	227	26	81.2	7	4	US-09-428-082B-444	Sequence 444, App
155	26	81.2	5	5	PT-US93-09916-1	Sequence 1, Appl	228	26	81.2	8	1	US-08-445-745-24	Sequence 24, Appl
156	26	81.2	5	5	PT-US93-09933-1	Sequence 1, Appl	229	26	81.2	8	1	US-08-445-745-39	Sequence 39, Appl
157	26	81.2	5	5	PT-US93-09963-1	Sequence 1, Appl	230	26	81.2	8	1	US-08-421-702A-22	Sequence 22, Appl
158	26	81.2	5	5	PT-US94-01678-1	Sequence 1, Appl	231	26	81.2	8	1	US-08-421-702A-97	Sequence 97, Appl
159	26	81.2	5	6	5318899-78	Patent No. 5318899	232	26	81.2	8	1	US-08-421-702A-125	Sequence 125, App
160	26	81.2	5	6	5318899-78	Patent No. 5318899	233	26	81.2	8	1	US-08-303-052A-22	Sequence 22, Appl
161	26	81.2	6	1	US-08-212-186A-1	Sequence 1, Appl	234	26	81.2	8	1	US-08-303-052A-98	Sequence 98, Appl
162	26	81.2	6	1	US-08-212-186A-26	Sequence 26, Appl	235	26	81.2	8	1	US-08-421-696A-22	Sequence 22, Appl
163	26	81.2	6	1	US-08-212-433A-26	Sequence 26, Appl	236	26	81.2	8	1	US-08-421-696A-97	Sequence 97, Appl
164	26	81.2	6	1	US-08-425-238-4	Sequence 4, Appl	237	26	81.2	8	1	US-08-421-696A-125	Sequence 125, App
165	26	81.2	6	2	US-08-625-695A-1	Sequence 1, Appl	238	26	81.2	8	1	US-08-421-697A-22	Sequence 22, Appl
166	26	81.2	6	2	US-08-625-695A-26	Sequence 26, Appl	239	26	81.2	8	1	US-08-421-697A-97	Sequence 97, Appl
167	26	81.2	6	2	US-08-286-861-7	Sequence 7, Appl	240	26	81.2	8	1	US-08-421-697A-125	Sequence 125, App
168	26	81.2	6	3	US-08-716-256-26	Sequence 26, Appl	241	26	81.2	8	1	US-08-421-698A-22	Sequence 22, Appl
169	26	81.2	6	3	US-08-924-002-1	Sequence 1, Appl	242	26	81.2	8	1	US-08-421-698A-97	Sequence 97, Appl
170	26	81.2	6	3	US-08-924-002-26	Sequence 26, Appl	243	26	81.2	8	1	US-08-421-698A-125	Sequence 125, App
171	26	81.2	6	5	PT-US95-03239-26	Sequence 26, Appl	244	26	81.2	8	2	US-08-421-695A-22	Sequence 22, Appl
172	26	81.2	7	1	US-08-445-745-18	Sequence 18, Appl	245	26	81.2	8	2	US-08-421-695A-99	Sequence 99, Appl
173	26	81.2	7	1	US-08-445-745-19	Sequence 19, Appl	246	26	81.2	8	2	US-08-421-695A-120	Sequence 120, App

247	26	81.2	8	2	US-08-286-861-27	Sequence 27, Appl	320	26	81.2	9	4	US-09-660-377A-10	Sequence 10, Appl
248	26	81.2	8	3	US-09-026-633-4	Sequence 4, Appl	321	26	81.2	9	4	US-10-081-258-10	Sequence 10, Appl
249	26	81.2	8	3	US-08-993-165-19	Sequence 19, Appl	322	26	81.2	9	4	US-09-952-768-44	Sequence 44, Appl
250	26	81.2	8	3	US-08-993-165-20	Sequence 20, Appl	323	26	81.2	9	4	US-09-676-475A-211	Sequence 211, Appl
251	26	81.2	8	3	US-08-993-165-21	Sequence 21, Appl	324	26	81.2	9	4	US-10-342-081-76	Sequence 76, Appl
252	26	81.2	8	4	US-09-540-448-19	Sequence 19, Appl	325	26	81.2	9	4	US-09-612-852A-14	Sequence 14, Appl
253	26	81.2	8	4	US-09-540-448-20	Sequence 20, Appl	326	26	81.2	9	4	US-09-569-789-1	Sequence 1, Appl
254	26	81.2	8	4	US-09-540-448-21	Sequence 21, Appl	327	26	81.2	10	1	US-08-212-186A-3	Sequence 3, Appl
255	26	81.2	8	4	US-09-424-656-5	Sequence 5, Appl	328	26	81.2	10	1	US-08-425-238-2	Sequence 2, Appl
256	26	81.2	8	4	US-09-243-640-17	Sequence 17, Appl	329	26	81.2	10	2	US-08-520-535-18	Sequence 18, Appl
257	26	81.2	8	4	US-09-243-640-18	Sequence 18, Appl	330	26	81.2	10	2	US-08-625-695A-3	Sequence 3, Appl
258	26	81.2	8	4	US-09-243-640-19	Sequence 19, Appl	331	26	81.2	10	2	US-09-079-432-18	Sequence 18, Appl
259	26	81.2	8	4	US-08-445-638-24	Sequence 24, Appl	332	26	81.2	10	2	US-08-867-941-62	Sequence 62, Appl
260	26	81.2	8	4	US-08-445-638-39	Sequence 39, Appl	333	26	81.2	10	2	US-08-286-861-5	Sequence 5, Appl
261	26	81.2	8	4	US-08-929-847-19	Sequence 19, Appl	334	26	81.2	10	3	US-08-836-786-2	Sequence 2, Appl
262	26	81.2	8	4	US-08-929-847-20	Sequence 20, Appl	335	26	81.2	10	3	US-08-893-526A-32	Sequence 32, Appl
263	26	81.2	8	4	US-08-929-847-21	Sequence 21, Appl	336	26	81.2	10	3	US-08-924-002-3	Sequence 3, Appl
264	26	81.2	8	4	US-09-813-484-19	Sequence 19, Appl	337	26	81.2	10	3	US-09-074-658-62	Sequence 62, Appl
265	26	81.2	8	4	US-09-813-484-20	Sequence 20, Appl	338	26	81.2	10	3	US-09-010-290-6	Sequence 6, Appl
266	26	81.2	8	4	US-09-813-484-21	Sequence 21, Appl	339	26	81.2	10	4	US-09-424-656-6	Sequence 6, Appl
267	26	81.2	8	4	US-10-046-801-19	Sequence 19, Appl	340	26	81.2	11	2	US-08-717-169-17	Sequence 17, Appl
268	26	81.2	8	4	US-10-046-801-20	Sequence 20, Appl	341	26	81.2	11	2	US-08-286-861-10	Sequence 10, Appl
269	26	81.2	8	4	US-10-046-801-21	Sequence 21, Appl	342	26	81.2	11	3	US-09-139-802-16	Sequence 16, Appl
270	26	81.2	8	5	PCF-US95-04741-22	Sequence 22, Appl	343	26	81.2	11	4	US-09-315-127-22	Sequence 22, Appl
271	26	81.2	9	1	US-08-421-702A-93	Sequence 93, Appl	344	26	81.2	11	4	US-09-424-656-7	Sequence 7, Appl
272	26	81.2	9	1	US-08-482-106-12	Sequence 12, Appl	345	26	81.2	11	4	US-09-424-656-8	Sequence 8, Appl
273	26	81.2	9	1	US-08-303-052A-50	Sequence 50, Appl	346	26	81.2	11	4	US-09-228-901A-17	Sequence 9, Appl
274	26	81.2	9	1	US-08-421-696A-93	Sequence 93, Appl	347	26	81.2	11	4	US-09-659-786-16	Sequence 17, Appl
275	26	81.2	9	1	US-08-665-220-44	Sequence 44, Appl	348	26	81.2	11	4	US-09-659-786-16	Sequence 16, Appl
276	26	81.2	9	1	US-08-421-697A-93	Sequence 93, Appl	349	26	81.2	11	4	US-08-926-914-16	Sequence 16, Appl
277	26	81.2	9	1	US-08-421-698A-93	Sequence 93, Appl	350	26	81.2	12	2	US-08-701-124-79	Sequence 79, Appl
278	26	81.2	9	2	US-08-701-124-3	Sequence 3, Appl	351	26	81.2	12	3	US-09-130-225-79	Sequence 79, Appl
279	26	81.2	9	2	US-08-421-695A-50	Sequence 50, Appl	352	26	81.2	12	3	US-09-455-061-79	Sequence 79, Appl
280	26	81.2	9	2	US-08-618-408B-44	Sequence 44, Appl	353	26	81.2	12	4	US-09-424-656-10	Sequence 10, Appl
281	26	81.2	9	2	US-08-286-861-15	Sequence 15, Appl	354	26	81.2	12	4	US-09-969-192-79	Sequence 79, Appl
282	26	81.2	9	2	US-08-286-861-16	Sequence 16, Appl	355	26	81.2	12	4	US-09-258-754-118	Sequence 118, Appl
283	26	81.2	9	2	US-08-286-861-17	Sequence 17, Appl	356	26	81.2	13	3	US-09-042-107-118	Sequence 118, Appl
284	26	81.2	9	2	US-08-286-861-18	Sequence 18, Appl	357	26	81.2	13	3	US-09-426-680-5	Sequence 5, Appl
285	26	81.2	9	2	US-08-286-861-33	Sequence 33, Appl	358	26	81.2	13	3	US-09-426-680-8	Sequence 8, Appl
286	26	81.2	9	2	US-08-286-861-34	Sequence 34, Appl	359	26	81.2	13	4	US-09-722-250D-118	Sequence 118, Appl
287	26	81.2	9	3	US-09-026-633-1	Sequence 1, Appl	360	26	81.2	13	4	US-09-676-475A-118	Sequence 118, Appl
288	26	81.2	9	3	US-09-130-225-3	Sequence 3, Appl	361	26	81.2	14	2	US-08-701-124-68	Sequence 68, Appl
289	26	81.2	9	3	US-09-130-225-4	Sequence 4, Appl	362	26	81.2	14	3	US-09-130-225-68	Sequence 68, Appl
290	26	81.2	9	3	US-09-124-671-33	Sequence 33, Appl	363	26	81.2	14	3	US-09-455-061-68	Sequence 68, Appl
291	26	81.2	9	3	US-09-258-754-211	Sequence 211, Appl	364	26	81.2	14	4	US-09-101-751A-93	Sequence 93, Appl
292	26	81.2	9	3	US-09-139-802-1	Sequence 1, Appl	365	26	81.2	14	4	US-09-658-517C-16	Sequence 16, Appl
293	26	81.2	9	3	US-09-426-680-12	Sequence 12, Appl	366	26	81.2	14	4	US-09-658-517C-17	Sequence 17, Appl
294	26	81.2	9	3	US-09-426-680-1	Sequence 1, Appl	367	26	81.2	14	4	US-09-969-192-68	Sequence 68, Appl
295	26	81.2	9	3	US-09-257-218-56	Sequence 56, Appl	368	26	81.2	14	4	US-09-949-474A-16	Sequence 16, Appl
296	26	81.2	9	3	US-09-311-760-56	Sequence 56, Appl	369	26	81.2	14	4	US-09-949-474A-17	Sequence 17, Appl
297	26	81.2	9	3	US-09-320-424-20	Sequence 20, Appl	370	26	81.2	15	2	US-08-701-124-31	Sequence 31, Appl
298	26	81.2	9	3	US-09-291-692-44	Sequence 44, Appl	371	26	81.2	15	2	US-08-553-257A-16	Sequence 16, Appl
299	26	81.2	9	3	US-09-426-680-12	Sequence 12, Appl	372	26	81.2	15	3	US-09-130-225-31	Sequence 31, Appl
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302	26	81.2	9	3	US-09-561-756-94	Sequence 94, Appl	375	26	81.2	15	3	US-09-455-061-31	Sequence 31, Appl
303	26	81.2	9	3	US-09-227-721-94	Sequence 94, Appl	376	26	81.2	15	4	US-09-315-127-21	Sequence 21, Appl
304	26	81.2	9	4	US-09-174-943-8	Sequence 8, Appl	377	26	81.2	15	4	US-09-441-992-16	Sequence 16, Appl
305	26	81.2	9	4	US-09-315-127-18	Sequence 18, Appl	378	26	81.2	15	4	US-09-969-192-31	Sequence 31, Appl
306	26	81.2	9	4	US-08-865-579-56	Sequence 56, Appl	379	26	81.2	18	3	US-09-326-039-16	Sequence 16, Appl
307	26	81.2	9	4	US-09-659-786-1	Sequence 1, Appl	380	26	81.2	20	3	US-08-857-076-27	Sequence 27, Appl
308	26	81.2	9	4	US-09-825-563-20	Sequence 20, Appl	381	26	81.2	21	2	US-09-450-972-2	Sequence 2, Appl
309	26	81.2	9	4	US-10-059-749-56	Sequence 56, Appl	382	26	81.2	23	2	US-08-701-124-5	Sequence 5, Appl
310	26	81.2	9	4	US-08-926-914-1	Sequence 1, Appl	383	26	81.2	23	3	US-09-130-225-5	Sequence 5, Appl
311	26	81.2	9	4	US-09-954-697-94	Sequence 94, Appl	384	26	81.2	23	3	US-09-455-061-5	Sequence 5, Appl
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315	26	81.2	9	4	US-09-428-082B-449	Sequence 449, Appl	388	26	81.2	24	3	US-09-130-225-49	Sequence 49, Appl
316	26	81.2	9	4	US-09-428-082B-450	Sequence 450, Appl	389	26	81.2	24	3	US-09-455-061-49	Sequence 49, Appl
317	26	81.2	9	4	US-09-428-082B-451	Sequence 451, Appl	390	26	81.2	24	3	US-09-347-504-8	Sequence 8, Appl
318	26	81.2	9	4	US-09-428-082B-452	Sequence 452, Appl	391	26	81.2	24	4	US-08-902-572-10	Sequence 10, Appl
319	26	81.2	9	4	US-09-428-082B-1076	Sequence 1076, Appl	392	26	81.2	24	4	US-09-969-192-49	Sequence 49, Appl

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395	26	81.2	26	4	US-09-424-656-3	Sequence 3, Appli	468	26	81.2	302	4	US-08-311-731A-206	Sequence 206, App
396	26	81.2	27	4	US-09-424-656-2	Sequence 2, Appli	469	26	81.2	307	2	US-08-918-206-1	Sequence 1, Appli
397	26	81.2	27	4	US-09-424-656-4	Sequence 4, Appli	470	26	81.2	307	4	US-09-902-540-11075	Sequence 11075, A
398	26	81.2	27	4	US-09-482-273-233	Sequence 25, App	471	26	81.2	308	4	US-09-710-279-1732	Sequence 1732, Ap
399	26	81.2	28	4	US-09-424-656-1	Sequence 1, Appli	472	26	81.2	309	3	US-09-134-001C-3039	Sequence 3039, Ap
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401	26	81.2	35	3	US-08-857-076-30	Sequence 30, Appli	474	26	81.2	314	4	US-10-101-464A-728	Sequence 728, App
402	26	81.2	39	3	US-09-326-039-3	Sequence 3, Appli	475	26	81.2	316	4	US-09-252-991A-32825	Sequence 32825, A
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405	26	81.2	45	6	5240706-3	Patent No. 5240706	478	26	81.2	320	4	US-09-806-658-2	Sequence 2, Appli
406	26	81.2	46	3	US-09-257-218-13	Sequence 13, Appli	479	26	81.2	321	4	US-09-252-991A-29986	Sequence 29986, A
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409	26	81.2	46	4	US-10-059-749-13	Sequence 13, Appli	482	26	81.2	330	1	US-08-118-270-21	Sequence 21, Appli
410	26	81.2	50	4	US-09-621-976-7289	Sequence 7289, Ap	483	26	81.2	330	4	US-09-489-039A-14043	Sequence 14043, A
411	26	81.2	63	3	US-09-326-039-2	Sequence 2, Appli	484	26	81.2	330	5	PCT-US93-08528-21	Sequence 21, Appli
412	26	81.2	76	4	US-09-252-991A-18582	Sequence 18582, A	485	26	81.2	334	1	US-08-118-270-22	Sequence 22, Appli
413	26	81.2	84	4	US-09-248-796A-26011	Sequence 26011, A	486	26	81.2	334	5	PCT-US93-08528-22	Sequence 22, Appli
414	26	81.2	89	4	US-10-101-464A-798	Sequence 798, App	487	26	81.2	337	3	US-08-757-669A-1	Sequence 1, Appli
415	26	81.2	94	4	US-09-198-452A-1290	Sequence 1290, Ap	488	26	81.2	337	3	US-09-230-637-22	Sequence 22, Appli
416	26	81.2	100	4	US-09-621-976-6277	Sequence 6277, Ap	489	26	81.2	337	3	US-09-230-371A-1	Sequence 1, Appli
417	26	81.2	115	4	US-09-270-767-40288	Sequence 40288, A	490	26	81.2	338	4	US-09-248-736A-17967	Sequence 17967, A
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420	26	81.2	127	2	US-08-162-146-3	Sequence 3, Appli	493	26	81.2	340	3	US-09-232-197-1	Sequence 1, Appli
421	26	81.2	127	3	US-09-314-127-3	Sequence 3, Appli	494	26	81.2	340	3	US-09-232-195-1	Sequence 1, Appli
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425	26	81.2	158	4	US-09-834-759-508	Sequence 508, App	498	26	81.2	358	2	US-09-949-016-7637	Sequence 7637, Ap
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430	26	81.2	176	3	US-09-232-446B-6	Sequence 6, Appli	503	26	81.2	374	2	US-09-252-991A-23565	Sequence 23565, A
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436	26	81.2	205	3	US-09-247-155-122	Sequence 122, App	509	26	81.2	383	4	US-09-764-803B-23	Sequence 23, Appli
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442	26	81.2	237	4	US-09-270-767-31822	Sequence 31822, A	515	26	81.2	393	4	US-09-438-185A-450	Sequence 450, App
443	26	81.2	237	4	US-09-270-767-47039	Sequence 47039, A	516	26	81.2	397	4	US-09-252-991A-18709	Sequence 18709, A
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445	26	81.2	243	4	US-09-834-759-507	Sequence 507, App	518	26	81.2	404	1	US-08-242-663A-2	Sequence 2, Appli
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447	26	81.2	252	4	US-09-252-991A-24259	Sequence 24259, A	520	26	81.2	404	2	US-08-450-130A-1	Sequence 1, Appli
448	26	81.2	253	4	US-09-252-991A-32459	Sequence 32459, A	521	26	81.2	404	2	US-08-391-916A-2	Sequence 2, Appli
449	26	81.2	254	4	US-09-252-991A-21292	Sequence 21292, A	522	26	81.2	404	2	US-08-573-890-2	Sequence 2, Appli
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451	26	81.2	258	4	US-10-101-464A-723	Sequence 723, App	524	26	81.2	404	3	US-08-258-287B-39	Sequence 39, Appli
452	26	81.2	259	6	5223425-2	Patent No. 5223425	525	26	81.2	404	3	US-08-368-704C-39	Sequence 39, Appli
453	26	81.2	259	6	5223425-2	Patent No. 5223425	526	26	81.2	404	3	US-08-954-536-18	Sequence 18, Appli
454	26	81.2	260	6	5223425-10	Patent No. 5223425	527	26	81.2	404	3	US-09-039-657-2	Sequence 2, Appli
455	26	81.2	260	6	5223425-10	Patent No. 5223425	528	26	81.2	404	3	US-08-748-547-2	Sequence 2, Appli
456	26	81.2	265	4	US-09-252-991A-32218	Sequence 32218, A	529	26	81.2	404	3	US-08-908-436-3	Sequence 3, Appli
457	26	81.2	272	3	US-09-069-023-24	Sequence 24, Appli	530	26	81.2	404	3	US-09-248-179-2	Sequence 2, Appli
458	26	81.2	278	4	US-09-248-796A-16036	Sequence 16036, A	531	26	81.2	404	3	US-09-069-023-30	Sequence 30, Appli
459	26	81.2	279	4	US-09-252-991A-18598	Sequence 18598, A	532	26	81.2	404	3	US-09-561-756-6	Sequence 6, Appli
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461	26	81.2	279	4	US-09-328-352-7144	Sequence 7144, Ap	534	26	81.2	404	3	US-08-983-502-13	Sequence 13, Appli
462	26	81.2	280	4	US-09-949-016-11646	Sequence 11646, A	535	26	81.2	404	4	US-08-724-378D-7	Sequence 7, Appli
463	26	81.2	282	4	US-09-270-767-47193	Sequence 47193, A	536	26	81.2	404	4	US-08-827-708A-2	Sequence 2, Appli
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465	26	81.2	298	4	US-09-389-956-4	Sequence 4, Appli	538	26	81.2	404	4	US-09-954-697-6	Sequence 6, Appli

539	26	81.2	404	4	US-09-291-289-5	Sequence 5, Appli	612	26	81.2	666	3	US-09-240-410-2	Sequence 2, Appli
540	26	81.2	404	4	US-09-895-263B-14	Sequence 14, Appl	613	26	81.2	666	2	US-09-689-012-2	Sequence 2, Appli
541	26	81.2	404	4	US-09-851-873-80	Sequence 80, Appl	614	26	81.2	669	2	US-07-861-800-2	Sequence 2, Appli
542	26	81.2	404	4	US-09-613-508B-14	Sequence 14, Appl	615	26	81.2	672	4	US-09-252-991A-16941	Sequence 16941, A
543	26	81.2	404	5	PCT-US93-05705-4	Sequence 4, Appli	616	26	81.2	681	4	US-09-252-991A-18889	Sequence 18889, A
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545	26	81.2	404	5	PCT-US95-07619-1	Sequence 1, Appli	618	26	81.2	689	3	US-09-232-200-73	Sequence 73, Appl
546	26	81.2	404	5	PCT-US96-10521-13	Sequence 13, Appl	619	26	81.2	689	3	US-09-232-197-73	Sequence 73, Appl
547	26	81.2	405	3	US-09-734-675-2	Sequence 2, Appli	620	26	81.2	689	3	US-09-232-201-73	Sequence 73, Appl
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554	26	81.2	448	3	US-09-212-168-1	Sequence 1, Appli	627	26	81.2	706	4	US-09-248-796A-20457	Sequence 20457, A
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559	26	81.2	452	4	US-09-252-991A-19099	Sequence 19099, A	632	26	81.2	708	3	US-09-265-577-4	Sequence 4, Appli
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561	26	81.2	457	4	US-09-389-956-68	Sequence 68, Appl	634	26	81.2	717	6	5262177-5	Patent No. 5262177
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575	26	81.2	514	4	US-09-270-767-59153	Sequence 59153, A	648	26	81.2	764	2	US-08-687-706-2	Sequence 2, Appli
576	26	81.2	514	4	US-09-270-767-62396	Sequence 62396, A	649	26	81.2	772	4	US-09-907-794A-339	Sequence 339, App
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593	26	81.2	634	3	US-09-041-236-2	Sequence 2, Appli	666	26	81.2	986	4	US-09-248-796A-19088	Sequence 19088, A
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597	26	81.2	647	4	US-09-389-956-6	Sequence 6, Appli	670	26	81.2	1192	4	US-09-560-385A-36	Sequence 36, Appl
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695	25	78.1	137	4	US-09-312-283C-174	Sequence 174, App	768	25	78.1	362	3	US-09-972-484-53	Sequence 53, Appl
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704	25	78.1	201	3	US-09-494-151-3	Sequence 3, Appli	777	25	78.1	391	4	US-09-395-017B-2	Sequence 2, Appli
705	25	78.1	201	4	US-09-972-484-3	Sequence 3, Appli	778	25	78.1	391	4	US-09-463-238-15	Sequence 15, Appl
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721	25	78.1	273	4	US-09-953-499-24	Sequence 24, Appl	794	25	78.1	452	5	PCT-US94-06430-22	Sequence 22, Appl
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865	24	75.0	16	1	US-08-077-797A-46	Sequence 46, Appl	938	24	75.0	297	4	US-09-328-352-7849	Sequence 7849, Ap
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868	24	75.0	25	3	US-08-851-843A-139	Sequence 139, App	941	24	75.0	298	4	US-09-917-254-61	Sequence 61, Appl
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## ALIGNMENTS

RESULT 1  
US-08-421-702A-17  
; Sequence 17, Application US/08421702A  
; Patent No. 5759996  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschopp, Juerg  
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-  
; TITLE OF INVENTION: v Beta-3-Mediated Binding  
; NUMBER OF SEQUENCES: 140  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
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; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
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; APPLICATION NUMBER: US/08/421,702A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1480  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide  
; NAME/KEY: peptide  
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; OTHER INFORMATION: the N-terminal."  
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US-08-421-702A-17  
; Sequence 17, Application US/08303052A  
; Patent No. 5770565  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschopp, Juerg  
; TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone  
; TITLE OF INVENTION: Resorption  
; NUMBER OF SEQUENCES: 113  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
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; FILING DATE: 08-SEP-1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/227,316  
; FILING DATE: 13-APR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1132  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 17:  
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; TYPE: amino acid  
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US-08-303-052A-17

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Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
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## RESULT 3

US-08-421-696A-17  
Sequence 17, Application US/08421696A  
Patent No. 5773412  
GENERAL INFORMATION:  
APPLICANT: Cheng, Soan  
APPLICANT: Ingram, Ronald  
APPLICANT: Mullen, Daniel  
APPLICANT: Tschoep, Juerg  
TITLE OF INVENTION: Use of Peptides for Altering alpha-v  
TITLE OF INVENTION: Beta-3-Mediated Binding  
NUMBER OF SEQUENCES: 138  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/421,696A  
FILING DATE: 12-APR-1995  
CLASSIFICATION: 514

PRIOR APPLICATION NUMBER: US 08/303,052  
FILING DATE: 08-SEP-1994

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LA 1479

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 7 amino acids

TYPE: amino acid

TOPOLOGY: circular

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Peptide

LOCATION: 1

OTHER INFORMATION: /note= "Amino acid is acetylated at

OTHER INFORMATION: N-terminal."

FEATURE:

NAME/KEY: Peptide

LOCATION: 7

OTHER INFORMATION: /note= "Amino acid is amidated at

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US-08-421-696A-17

Query Match 100.0%; Score 32; DB 1; Length 7;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5

DB 1 CRGDD 5

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US-08-421-697A-17  
Sequence 17, Application US/08421697A  
Patent No. 5792745  
GENERAL INFORMATION:  
APPLICANT: Cheng, Soan  
APPLICANT: Ingram, Ronald  
APPLICANT: Mullen, Daniel  
APPLICANT: Tschoep, Juerg  
TITLE OF INVENTION: Use of Peptides for Altering Bone  
TITLE OF INVENTION: Resorption  
NUMBER OF SEQUENCES: 138  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/421,697A  
FILING DATE: 12-APR-1995  
CLASSIFICATION: 514

PRIOR APPLICATION NUMBER: US 08/227,316

FILING DATE: 13-APR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/303,052

FILING DATE: 08-SEP-1994

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LA 1412

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 7 amino acids

TYPE: amino acid

TOPOLOGY: circular

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Peptide

LOCATION: 1

OTHER INFORMATION: /note= "Amino acid is acetylated at

OTHER INFORMATION: N-terminal."

FEATURE:

NAME/KEY: Peptide

LOCATION: 7

OTHER INFORMATION: /note= "Amino acid is amidated at

OTHER INFORMATION: C-terminal."

US-08-421-697A-17

Query Match 100.0%; Score 32; DB 1; Length 7;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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## RESULT 5

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; Sequence 17, Application US/08421698A
; Patent No. 5807819
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Teschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
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; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
;
; QUERY MATCH 100.0%; Score 32; DB 1; Length 7;
; Best Local Similarity 100.0%; Pred. No. 4.1e+05;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CRGDD 5
; DB 1 CRGDD 5
;
; RESULT 6
; PCT-US95-04741-17
; Sequence 17, Application US/08421695A
; Patent No. 5849865
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Teschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,695A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
;
; QUERY MATCH 100.0%; Score 32; DB 1; Length 7;
; Best Local Similarity 100.0%; Pred. No. 4.1e+05;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CRGDD 5
; DB 1 CRGDD 5
;
; RESULT 7
; PCT-US95-04741-17
; Sequence 17, Application PC/TUS9504741
; GENERAL INFORMATION:
; APPLICANT: La Jolla Cancer Research Foundation
; TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/US95/04741  
;; FILING DATE: 12-APR-1995  
;; CLASSIFICATION:  
;; PRIOR APPLICATION NUMBER: US 08/227,316  
;; FILING DATE: 13-APR-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/303,052  
;; FILING DATE: 08-SEP-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Imbra, Richard J.  
;; REGISTRATION NUMBER: 37,643  
;; REFERENCE/DOCKET NUMBER: FP-LA 1476  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (619) 535-9001  
;; TELEFAX: (619) 535-8949  
;; INFORMATION FOR SEQ ID NO: 17:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 7 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: circular  
;; FEATURE:  
;; NAME/KEY: Peptide  
;; LOCATION: 1  
;; OTHER INFORMATION: /note= "Amino acid is acetylated at  
;; OTHER INFORMATION: N-terminal."  
;; FEATURE:  
;; NAME/KEY: Peptide  
;; LOCATION: 7  
;; OTHER INFORMATION: /note= "Amino acid is amidated at  
;; OTHER INFORMATION: C-terminal."  
PCT-US95-04741-17

Query Match 100.0%; Score 32; DB 5; Length 7;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 1 CRGDD 5

RESULT 8  
US-08-421-702A-26  
; Sequence 26, Application US/08421702A  
; Patent No. 5759996  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschoopp, Juerg  
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-  
; TITLE OF INVENTION: v Beta-3-Mediated Binding  
; NUMBER OF SEQUENCES: 140  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,702A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1479  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949

;; FILING DATE: 08-SEP-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Campbell, Cathryn A.  
;; REGISTRATION NUMBER: 31,815  
;; REFERENCE/DOCKET NUMBER: P-LA 1480  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (619) 535-9001  
;; TELEFAX: (619) 535-8949  
;; INFORMATION FOR SEQ ID NO: 26:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 9 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: circular  
;; MOLECULE TYPE: peptide  
;; FEATURE:  
;; NAME/KEY: Peptide  
;; LOCATION: 1  
;; OTHER INFORMATION: /note= "Amino acid is acetylated at  
;; OTHER INFORMATION: N-terminal."  
;; FEATURE:  
;; NAME/KEY: Peptide  
;; LOCATION: 9  
;; OTHER INFORMATION: /note= "Amino acid is amidated at  
;; OTHER INFORMATION: C-terminal."  
US-08-421-702A-26

Query Match 100.0%; Score 32; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 2 CRGDD 6

RESULT 9  
US-08-421-696A-26  
; Sequence 26, Application US/08421696A  
; Patent No. 5773412  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschoopp, Juerg  
; TITLE OF INVENTION: Use of Peptides for Altering alpha-v  
; TITLE OF INVENTION: Beta-3-Mediated Binding  
; NUMBER OF SEQUENCES: 138  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,696A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1479  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949

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; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 9
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."
; US-08-421-696A-26

Query Match 100.0%; Score 32; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 2 CRGDD 6

RESULT 10
US-08-421-697A-26
; Sequence 26, Application US/08421697A
; Patent No. 5792745
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Use of Peptides for Altering Bone
; TITLE OF INVENTION: Resorption
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,697A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,316
; FILING DATE: 13-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1412
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 9
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."
; US-08-421-697A-26

Query Match 100.0%; Score 32; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 2 CRGDD 6

RESULT 11
US-08-421-698A-26
; Sequence 26, Application US/08421698A
; Patent No. 5807819
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone
; TITLE OF INVENTION: Resorption
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,698A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 9
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."
; US-08-421-697A-26
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LOCATIONS: 9  
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OTHER INFORMATION: C-terminal."  
US-08-421-698A-26

Query Match 100.0%; Score 32; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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DB 2 CRGDD 6

RESULT 12  
US-08-421-695A-26  
Sequence 26, Application US/08421695A  
Patent No. 5849865  
GENERAL INFORMATION:  
APPLICANT: Cheng, Soan  
APPLICANT: Ingram, Ronald  
APPLICANT: Mullen, Daniel  
APPLICANT: Tschopp, Juerg  
TITLE OF INVENTION: Peptides for Altering Bone Resorption,  
TITLE OF INVENTION: Angiogenesis and Restenosis  
NUMBER OF SEQUENCES: 143  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/421,695A  
FILING DATE: 12-APR-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 1478  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1  
OTHER INFORMATION: /note= "The amino acid is  
OTHER INFORMATION: acetylated at the N-terminal."  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 9  
OTHER INFORMATION: /note= "The amino acid is amidated  
OTHER INFORMATION: at the C-terminal."  
US-08-421-695A-26

Query Match 100.0%; Score 32; DB 2; Length 9;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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DB 2 CRGDD 6

RESULT 13  
PCT-US95-04741-26  
Sequence 26, Application PC/TUS9504741  
GENERAL INFORMATION:  
APPLICANT: La Jolla Cancer Research Foundation  
TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone  
TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04741  
FILING DATE: 12-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,316  
FILING DATE: 13-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/303,052  
FILING DATE: 08-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Imbra, Richard J.  
REGISTRATION NUMBER: 37,643  
REFERENCE/DOCKET NUMBER: FP-LA 1476  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1  
OTHER INFORMATION: /note= "Amino acid is acetylated at  
OTHER INFORMATION: N-terminal."  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 9  
OTHER INFORMATION: /note= "Amino acid is amidated at  
OTHER INFORMATION: C-terminal."  
PCT-US95-04741-26

Query Match 100.0%; Score 32; DB 5; Length 9;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||||  
DB 2 CRGDD 6

RESULT 14  
US-09-360-376-55  
Sequence 55, Application US/09360376  
Patent No. 6495739  
GENERAL INFORMATION:  
APPLICANT: Lasener, Michael  
APPLICANT: Ruzinsky, Diane

; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES  
; FILE REFERENCE: 17026/01/US  
; CURRENT APPLICATION NUMBER: US/09/360,376  
; CURRENT FILING DATE: 1999-07-23  
; PRIOR APPLICATION NUMBER: US 09/122,315  
; PRIOR FILING DATE: 1998-07-24  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 55  
; LENGTH: 233  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-360-376-55

Query Match 100.0%; Score 32; DB 4; Length 233;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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DB 181 CRGDD 185

RESULT 15  
US-09-489-039A-8789  
; Sequence 8789, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 8789  
; LENGTH: 376  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-8789

Query Match 100.0%; Score 32; DB 4; Length 376;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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DB 158 CRGDD 162

RESULT 16  
US-09-489-039A-12030  
; Sequence 12030, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 12030  
; LENGTH: 424  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-12030

Query Match 100.0%; Score 32; DB 4; Length 424;

Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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DB 65 CRGDD 69

RESULT 17  
US-09-489-039A-13164  
; Sequence 13164, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 13164  
; LENGTH: 488  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-13164

Query Match 100.0%; Score 32; DB 4; Length 488;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
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DB 103 CRGDD 107

RESULT 18  
US-08-421-702A-8  
; Sequence 8, Application US/08421702A  
; Patent No. 5759996  
; GENERAL INFORMATION:

; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschopp, Juerg  
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-  
; TITLE OF INVENTION: v Beta-3-Mediated Binding  
; NUMBER OF SEQUENCES: 140  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/08/421.702A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994

; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1480  
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
FEATURE:  
MOLECULE TYPE: peptide  
NAME/KEY: Peptide  
LOCATION: 1  
OTHER INFORMATION: /note= "Amino acid is acetylated at N-terminal."  
FEATURE:  
LOCATION: 7  
OTHER INFORMATION: /note= "Amino acid is amidated at C-terminal."  
US-08-421-702A-8

Query Match 90.6%; Score 29; DB 1; Length 7;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 1 CRGDD 5

RESULT 19  
US-08-421-696A-8  
Sequence 8, Application US/08421696A  
Patent No. 5773412  
GENERAL INFORMATION:  
APPLICANT: Cheng, Soan  
APPLICANT: Ingram, Ronald  
APPLICANT: Mullen, Daniel  
APPLICANT: Tschopp, Juerg  
TITLE OF INVENTION: Use of Peptides for Altering alpha-v  
TITLE OF INVENTION: Beta-3-Mediated Binding  
NUMBER OF SEQUENCES: 138  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122

COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/421,696A  
FILING DATE: 12-APR-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: US 08/303,052  
FILING DATE: 08-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 1479  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
MOLECULE TYPE: peptide

FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1  
OTHER INFORMATION: /note= "Amino acid is acetylated at N-terminal."  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 7  
OTHER INFORMATION: /note= "Amino acid is amidated at C-terminal."  
US-08-421-696A-8

Query Match 90.6%; Score 29; DB 1; Length 7;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 1 CRGDD 5

RESULT 20  
US-08-421-697A-8  
Sequence 8, Application US/08421697A  
Patent No. 5792745  
GENERAL INFORMATION:  
APPLICANT: Cheng, Soan  
APPLICANT: Ingram, Ronald  
APPLICANT: Mullen, Daniel  
APPLICANT: Tschopp, Juerg  
TITLE OF INVENTION: Use of Peptides for Altering Bone  
TITLE OF INVENTION: Resorption  
NUMBER OF SEQUENCES: 138  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122

COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/421,697A  
FILING DATE: 12-APR-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: US 08/227,316  
FILING DATE: 13-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/303,052  
FILING DATE: 08-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 1412  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1  
OTHER INFORMATION: /note= "Amino acid is acetylated at N-terminal."

FEATURE:  
NAME/KEY: Peptide  
LOCATION: 7  
OTHER INFORMATION: /note= "Amino acid is amidated at C-terminal."  
OTHER INFORMATION: C-terminal."  
US-08-421-697A-8

Query Match 90.6%; Score 29; DB 1; Length 7;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CRGDD 5  
|:|  
Db 1 CKGDD 5

RESULT 21  
US-08-421-698A-8  
; Sequence 8, Application US/08421698A  
; Patent No. 5807819  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Techopp, Juerg  
; TITLE OF INVENTION: Peptides Useful for Altering Bone Resorption  
; TITLE OF INVENTION: Resorption  
; NUMBER OF SEQUENCES: 138  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,698A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1481  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1  
; OTHER INFORMATION: /notes "Amino acid is acetylated at N-terminal."  
; OTHER INFORMATION: N-terminal."  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 7  
; OTHER INFORMATION: /notes "Amino acid is amidated at C-terminal."  
; OTHER INFORMATION: C-terminal."  
US-08-421-698A-8

Query Match 90.6%; Score 29; DB 1; Length 7;

Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CRGDD 5  
|:|  
Db 1 CKGDD 5

RESULT 22  
US-08-421-695A-8  
; Sequence 8, Application US/08421695A  
; Patent No. 5849865  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Techopp, Juerg  
; TITLE OF INVENTION: Peptides for Altering Bone Resorption,  
; TITLE OF INVENTION: Angiogenesis and Restenosis  
; NUMBER OF SEQUENCES: 143  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,695A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1478  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1  
; OTHER INFORMATION: /note= "The amino acid is acetylated at the N-terminal."  
; OTHER INFORMATION: acetylated at the N-terminal."  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 7  
; OTHER INFORMATION: /note= "The amino acid is amidated at the C-terminal."  
; OTHER INFORMATION: at the C-terminal."  
US-08-421-695A-8

Query Match 90.6%; Score 29; DB 2; Length 7;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CRGDD 5  
|:|  
Db 1 CKGDD 5

RESULT 23  
PCT-US95-04741-8  
; Sequence 8, Application PC/TUS9504741



GENERAL INFORMATION:  
APPLICANT: La Jolla Cancer Research Foundation  
TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04741  
FILING DATE: 12-APR-1995  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,316  
FILING DATE: 13-APR-1994  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/303,052  
FILING DATE: 08-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Imbra, Richard J.  
REGISTRATION NUMBER: 37,643  
REFERENCE/DOCKET NUMBER: FP-LA 1476  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1  
OTHER INFORMATION: /note= "Amino acid is acetylated at  
OTHER INFORMATION: N-terminal."  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 7  
OTHER INFORMATION: /note= "Amino acid is amidated at  
OTHER INFORMATION: C-terminal."

Query Match 90.6%; Score 29; DB 5; Length 7;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05; Indels 0; Gaps 0;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|:|  
Db 1 CKGDD 5

RESULT 24  
US-09-902-540-14307  
Sequence 14307, Application US/09902540  
Patent No. 6833447  
GENERAL INFORMATION:  
APPLICANT: Goldman, Barry S.  
APPLICANT: Hinkle, Gregory J.  
APPLICANT: Slater, Steven C.  
APPLICANT: Wiegand, Roger C.  
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof  
FILE REFERENCE: 38-10(15849)B  
CURRENT APPLICATION NUMBER: US/09/902,540

CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: 60/217,883  
PRIOR FILING DATE: 2000-07-10  
NUMBER OF SEQ ID NOS: 16825  
SEQ ID NO 14307  
LENGTH: 92  
TYPE: PRT  
ORGANISM: Myxococcus xanthus  
US-09-902-540-14307

Query Match 90.6%; Score 29; DB 4; Length 92;  
Best Local Similarity 80.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|:|  
Db 68 CKGDD 72

RESULT 25  
US-09-489-039A-13562  
Sequence 13562, Application US/09489039A  
Patent No. 6610836  
GENERAL INFORMATION:  
APPLICANT: Gary Breton et. al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
FILE REFERENCE: 2709.2004001  
CURRENT APPLICATION NUMBER: US/09/489,039A  
CURRENT FILING DATE: 2000-01-27  
PRIOR APPLICATION NUMBER: US 60/117,747  
PRIOR FILING DATE: 1999-01-29  
NUMBER OF SEQ ID NOS: 14342  
SEQ ID NO 13562  
LENGTH: 105  
TYPE: PRT  
ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-13562

Query Match 90.6%; Score 29; DB 4; Length 105;  
Best Local Similarity 80.0%; Pred. No. 2.2e+02; Indels 0; Gaps 0;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|:|  
Db 46 CKGDD 50

RESULT 26  
US-09-248-796A-21669  
Sequence 21669, Application US/09248796A  
Patent No. 6747137  
GENERAL INFORMATION:  
APPLICANT: Keith Weinstock et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA  
FILE REFERENCE: 107196.132  
CURRENT APPLICATION NUMBER: US/09/248,796A  
CURRENT FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: US 60/074,725  
PRIOR FILING DATE: 1998-02-13  
PRIOR APPLICATION NUMBER: US 60/096,409  
PRIOR FILING DATE: 1998-08-13  
NUMBER OF SEQ ID NOS: 28208  
SEQ ID NO 21669  
LENGTH: 357  
TYPE: PRT  
ORGANISM: Candida albicans  
US-09-248-796A-21669

Query Match 90.6%; Score 29; DB 4; Length 357;  
Best Local Similarity 80.0%; Pred. No. 6.6e+02; Indels 0; Gaps 0;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|  
Db 244 CKGDD 248

RESULT 27  
US-09-252-991A-18903  
; Sequence 18903, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 18903  
; LENGTH: 639  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-18903

Query Match 90.6%; Score 29; DB 4; Length 639;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03; Indels 0; Gaps 0;  
Matches 4; Conservative 1; Mismatches 0

QY 1 CRGDD 5  
|:|  
Db 602 CKGDD 606

RESULT 28  
US-08-421-702A-27  
; Sequence 27, Application US/08421702A  
; Patent No. 5759996  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschoopp, Juerg  
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-  
; TITLE OF INVENTION: v Beta-3-Mediated Binding  
; NUMBER OF SEQUENCES: 140  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,702A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1480  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1  
; OTHER INFORMATION: /note= "Amino acid is acetylated at  
; OTHER INFORMATION: N-terminal."  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 9  
; OTHER INFORMATION: /note= "Amino acid is amidated at  
; OTHER INFORMATION: C-terminal."  
US-08-421-702A-27

Query Match 87.5%; Score 28; DB 1; Length 9;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CRGDD 5  
|:|  
Db 2 CRGDE 6

RESULT 29  
US-08-421-696A-27  
; Sequence 27, Application US/08421696A  
; Patent No. 5773412  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Tschoopp, Juerg  
; TITLE OF INVENTION: Use of Peptides for Altering alpha-v  
; TITLE OF INVENTION: Beta-3-Mediated Binding  
; NUMBER OF SEQUENCES: 138  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,696A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1479  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide

;  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1  
; OTHER INFORMATION: /note= "Amino acid is acetylated at  
; OTHER INFORMATION: N-terminal."  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 9  
; OTHER INFORMATION: /note= "Amino acid is amidated at  
; OTHER INFORMATION: C-terminal."  
US-08-421-696A-27

Query Match 87.5%; Score 28; DB 1; Length 9;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 2 CRGDE 6

RESULT 30  
US-08-665-220-59  
; Sequence 59, Application US/08665220  
; Patent No. 5786173  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandes-Alnemri, Teresa  
; APPLICANT: Litwack, Gerald  
; APPLICANT: Armstrong, Robert  
; APPLICANT: Tomaselli, Kevin  
; TITLE OF INVENTION: Mch4 and Mch5, Apoptotic Proteases,  
; TITLE OF INVENTION: Nucleic Acids Encoding and Methods of Use  
; NUMBER OF SEQUENCES: 70  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/665,220  
; FILING DATE: 14-JUN-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/618,408  
; FILING DATE: 19-MAR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-ID 2165  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 59:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1..9  
; OTHER INFORMATION: /note= "ICH-1"  
US-08-665-220-59

Query Match 87.5%; Score 28; DB 1; Length 9;

Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 5 CRGDE 9

RESULT 31  
US-08-421-697A-27  
; Sequence 27, Application US/08421697A  
; Patent No. 5792745  
; GENERAL INFORMATION:  
; APPLICANT: Cheng, Soan  
; APPLICANT: Ingram, Ronald  
; APPLICANT: Mullen, Daniel  
; APPLICANT: Teschopp, Juerg  
; TITLE OF INVENTION: Use of Peptides for Altering Bone  
; TITLE OF INVENTION: Resorption  
; NUMBER OF SEQUENCES: 138  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/421,697A  
; FILING DATE: 12-APR-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/227,316  
; FILING DATE: 13-APR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/303,052  
; FILING DATE: 08-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LA 1412  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1  
; OTHER INFORMATION: /note= "Amino acid is acetylated at  
; OTHER INFORMATION: N-terminal."  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 9  
; OTHER INFORMATION: /note= "Amino acid is amidated at  
; OTHER INFORMATION: C-terminal."  
US-08-421-697A-27

Query Match 87.5%; Score 28; DB 1; Length 9;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 5 CRGDE 9

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Db          2 CRGDE 6

RESULT 32
US-08-421-698A-27
; Sequence 27, Application US/08421698A
; Patent No. 5807819
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschoopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,698A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 9
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."
US-08-421-698A-27

Query Match      87.5%; Score 28; DB 1; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY          1 CRGDD 5
           |||||
Db          2 CRGDE 6

RESULT 34
US-08-618-408B-59
; Sequence 59, Application US/08618408B
; Patent No. 5851815
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; APPLICANT: Armstrong, Robert
; APPLICANT: Tomaselli, Kevin
; TITLE OF INVENTION: Mch4 and Mch5, No. 5851815el Apoptotic
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700

; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschoopp, Juerg
; TITLE OF INVENTION: Peptides for Altering Bone Resorption,
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,695A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1478
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "The amino acid is
; OTHER INFORMATION: acetylated at the N-terminal."
US-08-421-695A-27

Query Match      87.5%; Score 28; DB 2; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY          1 CRGDD 5
           |||||
Db          2 CRGDE 6

RESULT 33
US-08-421-695A-27
; Sequence 27, Application US/08421695A
; Patent No. 5849865
; GENERAL INFORMATION:
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;  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/618,408B  
; FILING DATE: 19-MAR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-ID 1957  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 59:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: 1..9  
; OTHER INFORMATION: /note= "ICH-1"  
; US-08-618-408B-59

Query Match 87.5%; Score 28; DB 2; Length 9;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 5 CRGDE 9

RESULT 35  
US-09-257-218-74  
; Sequence 74, Application US/09257218  
; Patent No. 6271361  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandes-Alnemri, Teresa  
; APPLICANT: Litwack, Gerald  
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/257,218  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/865,579  
; FILING DATE: 29-MAY-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.

;  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-ID 2180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-9849  
; INFORMATION FOR SEQ ID NO: 74:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; US-09-257-218-74

Query Match 87.5%; Score 28; DB 3; Length 9;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 5 CRGDE 9

RESULT 36  
US-09-311-760-74  
; Sequence 74, Application US/09311760  
; Patent No. 6274318  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandes-Alnemri, Teresa  
; APPLICANT: Litwack, Gerald  
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/311,760  
; FILING DATE: 13-MAY-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/865,579  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-ID 2180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-9849  
; INFORMATION FOR SEQ ID NO: 74:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 9 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:  
; US-09-311-760-74

Query Match 87.5%; Score 28; DB 3; Length 9;  
Best Local Similarity 80.0%; Pred. No. 4.1e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5

```
Db      ||||:
        5 CRGDE 9

RESULT 37
US-09-291-692-59
; Sequence 59, Application US/09291692
; Patent No. 6287795
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; APPLICANT: Armstrong, Robert
; APPLICANT: Tomaseilli, Kevin
; TITLE OF INVENTION: MCH4 AND MCH5, APOPTOTIC PROTEASE,
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING AND METHODS OF USE
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSES: SEED and BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: Use
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/291,692
; FILING DATE: 04-13-1999
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Christiansen, William T.
; REGISTRATION NUMBER: 44,614
; REFERENCE/DOCKET NUMBER: 480140.424C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..9
; OTHER INFORMATION: /note= "ICH-1"
US-09-291-692-59

Query Match      87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CRGDD 5
Db      ||||:
        5 CRGDE 9

RESULT 38
US-09-561-756-112
; Sequence 112, Application US/09561756
; Patent No. 6376226
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 480140.431
; CURRENT APPLICATION NUMBER: US/09/561,756
; CURRENT FILING DATE: 2000-04-26

; PRIOR APPLICATION NUMBER: 09/227,721
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 112
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-561-756-112

Query Match      87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CRGDD 5
Db      ||||:
        5 CRGDE 9

RESULT 39
US-09-227-721-112
; Sequence 112, Application US/09227721
; Patent No. 6379950
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 480140.431
; CURRENT APPLICATION NUMBER: US/09/227,721
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 112
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-227-721-112

Query Match      87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CRGDD 5
Db      ||||:
        5 CRGDE 9

RESULT 40
US-08-865-579-74
; Sequence 74, Application US/08865579
; Patent No. 6455296
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
; TITLE OF INVENTION: Encoding Same and Methods of Use
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/865,579
; FILING DATE: 29-MAY-1997
```



OTHER INFORMATION: /MOCE- AMIN  
OTHER INFORMATION: C-terminal."

[illegible]



;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: FISH & NEAVE  
;; STREET: 1251 Avenue of the Americas  
;; CITY: New York  
;; STATE: New York  
;; COUNTRY: USA  
;; ZIP: 10020  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentin Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; FILING DATE: 23-SEP-1997  
;; APPLICATION NUMBER: US/08/817,787  
;; CLASSIFICATION: 424  
;; PRIOR APPLICATION DATA: PCT/EP95/04117  
;; FILING DATE:  
;; APPLICATION NUMBER: PCT/EP95/04117  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: EP 94 11 6558.1  
;; FILING DATE: 20-OCT-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haley Jr., James F.  
;; REGISTRATION NUMBER: 27,794  
;; REFERENCE/DOCKET NUMBER: MORPHO/1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 212-596-9000  
;; TELEFAX: 212-596-9090  
;; INFORMATION FOR SEQ ID NO: 32:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 39 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS:  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; ORIGINAL SOURCE:  
;; ORGANISM: Macrobodella decora  
;; US-08-817-787-32

Query Match 87.5%; Score 28; DB 3; Length 39;  
Best Local Similarity 80.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|  
Db 7 CQGDD 11

RESULT 47  
US-09-583-808-32  
; Sequence 32, Application US/09583808  
; Patent No. 6692935  
; GENERAL INFORMATION:  
; APPLICANT: Pack, Peter  
; TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF  
; RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FISH & NEAVE  
; STREET: 1251 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10020  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE:  
; APPLICATION NUMBER: US/09/583,808

;; FILING DATE: 30-May-2000  
;; CLASSIFICATION: <Unknown>  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/EP95/04117  
;; FILING DATE: <Unknown>  
;; APPLICATION NUMBER: EP 94 11 6558.1  
;; FILING DATE: 20-OCT-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haley Jr., James F.  
;; REGISTRATION NUMBER: 27,794  
;; REFERENCE/DOCKET NUMBER: MORPHO/1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 212-596-9000  
;; TELEFAX: 212-596-9090  
;; INFORMATION FOR SEQ ID NO: 32:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 39 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: <Unknown>  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; ORIGINAL SOURCE:  
;; ORGANISM: Macrobodella decora  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 32:  
;; US-09-583-808-32

Query Match 87.5%; Score 28; DB 4; Length 39;  
Best Local Similarity 80.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|  
Db 7 CQGDD 11

RESULT 48  
US-08-817-787-36  
; Sequence 36, Application US/08817787  
; Patent No. 6294353  
; GENERAL INFORMATION:  
; APPLICANT: Pack, Peter  
; APPLICANT: Lupas, Andrei  
; TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF  
; RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FISH & NEAVE  
; STREET: 1251 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10020  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/817,787  
; FILING DATE: 23-SEP-1997  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP95/04117  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 94 11 6558.1  
; FILING DATE: 20-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haley Jr., James F.  
; REGISTRATION NUMBER: 27,794  
; REFERENCE/DOCKET NUMBER: MORPHO/1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-596-9000  
TELEFAX: 212-596-9090  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 41 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-817-787-36

Query Match 87.5%; Score 28; DB 3; Length 41;  
Best Local Similarity 80.0%; Pred. No. 1.4e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|  
Db 9 CQGDD 13

RESULT 49  
US-09-583-808-36  
Sequence 36, Application US/09583808  
Patent No. 6692935  
GENERAL INFORMATION:  
APPLICANT: Pack, Peter  
Lupas, Andrei  
TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF  
RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FISH & NEAVE  
STREET: 1251 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10020

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/583,808  
FILING DATE: 30-May-2000  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/817,787  
FILING DATE: <Unknown>  
APPLICATION NUMBER: PCT/EP95/04117  
FILING DATE: <Unknown>  
APPLICATION NUMBER: EP 94 11 6558.1  
FILING DATE: 20-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Haley Jr., James F.  
REGISTRATION NUMBER: 27,794  
REFERENCE/DOCKET NUMBER: MORPHO/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-596-9000  
TELEFAX: 212-596-9090  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 41 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 36:

US-09-583-808-36  
Query Match 87.5%; Score 28; DB 4; Length 41;  
Best Local Similarity 80.0%; Pred. No. 1.4e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|  
Db 9 CQGDD 13

RESULT 50  
US-08-817-787-34  
Sequence 34, Application US/08817787  
Patent No. 6294353  
GENERAL INFORMATION:  
APPLICANT: Pack, Peter  
Lupas, Andrei  
TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF  
RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FISH & NEAVE  
STREET: 1251 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10020

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/817,787  
FILING DATE: 23-SEP-1997  
CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP95/04117  
FILING DATE:  
APPLICATION NUMBER: EP 94 11 6558.1  
FILING DATE: 20-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Haley Jr., James F.  
REGISTRATION NUMBER: 27,794  
REFERENCE/DOCKET NUMBER: MORPHO/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-596-9000  
TELEFAX: 212-596-9090

INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-817-787-34

Query Match 87.5%; Score 28; DB 3; Length 42;  
Best Local Similarity 80.0%; Pred. No. 1.4e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|:|  
Db 9 CQGDD 13

RESULT 51  
US-09-583-808-34  
Sequence 34, Application US/09583808  
Patent No. 6692935  
GENERAL INFORMATION:  
APPLICANT: Pack, Peter  
Lupas, Andrei  
TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF  
RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FISH & NEAVE

STREET: 1251 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10020  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/583,808  
FILING DATE: 30-May-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/817,787  
FILING DATE: <Unknown>  
APPLICATION NUMBER: PCT/EP95/04117  
FILING DATE: <Unknown>  
APPLICATION NUMBER: EP 94 11 6558.1  
FILING DATE: 20-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Haley Jr., James F.  
REGISTRATION NUMBER: 27,794  
REFERENCE/DOCKET NUMBER: MORPHO/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-596-9000  
TELEFAX: 212-596-9090  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 34:  
US-09-583-808-34  
Query Match 87.5%; Score 28; DB 4; Length 42;  
Best Local Similarity 80.0%; Pred. No. 1.4e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CRGDD 5  
DB 9 CQGDD 13  
RESULT 52  
US-09-257-218-16  
Sequence 16, Application US/09257218  
Patent No. 6271361  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandes-Alnemri, Teresa  
APPLICANT: Litwack, Gerald  
TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/257,218  
FILING DATE: 13-May-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/865,579  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-ID 2180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-9849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 46 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-09-311-760-16

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/865,579  
FILING DATE: 29-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-ID 2180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-9849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 46 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-09-257-218-16  
Query Match 87.5%; Score 28; DB 3; Length 46;  
Best Local Similarity 80.0%; Pred. No. 1.6e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CRGDD 5  
DB 17 CRGDE 21  
RESULT 53  
US-09-311-760-16  
Sequence 16, Application US/09311760  
Patent No. 6274318  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandes-Alnemri, Teresa  
APPLICANT: Litwack, Gerald  
TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/311,760  
FILING DATE: 13-May-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/865,579  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-ID 2180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-9849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 46 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-09-311-760-16

Query Match 87.5%; Score 28; DB 3; Length 46;  
Best Local Similarity 80.0%; Pred. No. 1.6e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 17 CRGDE 21

RESULT 54  
US-08-865-579-16  
; Sequence 16, Application US/08865579  
; Patent No. 6455296  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandez-Alnemri, Teresa  
; APPLICANT: Litwack, Gerald  
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/08/865,579  
; FILING DATE: 29-MAY-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-ID 2180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-9849  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 46 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; US-08-865-579-16

Query Match 87.5%; Score 28; DB 4; Length 46;  
Best Local Similarity 80.0%; Pred. No. 1.6e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 17 CRGDE 21

RESULT 55  
US-10-059-749-16  
; Sequence 16, Application US/10059749  
; Patent No. 6566505  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandez-Alnemri, Teresa  
; APPLICANT: Litwack, Gerald  
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP

STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/059,749  
FILING DATE: 29-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/865,579  
FILING DATE: 29-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-ID 2180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-9849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 46 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-10-059-749-16

Query Match 87.5%; Score 28; DB 4; Length 46;  
Best Local Similarity 80.0%; Pred. No. 1.6e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 17 CRGDE 21

RESULT 56  
US-09-187-789-58  
; Sequence 58, Application US/09187789  
; Patent No. 6340740  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandez-Alnemri, Teresa  
; TITLE OF INVENTION: CASPASE-14, AN APOPTOTIC PROTEASE, NUCLEIC ACID ENCODING  
; FILE REFERENCE: 480140.434C1  
; CURRENT APPLICATION NUMBER: US/09/187,789  
; CURRENT FILING DATE: 1998-11-06  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 58  
; LENGTH: 56  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-187-789-58

Query Match 87.5%; Score 28; DB 3; Length 56;  
Best Local Similarity 80.0%; Pred. No. 1.9e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
Db 31 CRGDE 35

RESULT 57  
US-09-139-600-53

; Sequence 53, Application US/09139600  
; Patent No. 6432628  
; GENERAL INFORMATION:  
; APPLICANT: Fernandez-Alnemri, Emad S.  
; TITLE OF INVENTION: CASPASE-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING  
; FILE REFERENCE: 480140.434  
; CURRENT FILING DATE: 1998-08-25  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 53  
; LENGTH: 56  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-139-600-53

Query Match 87.5%; Score 28; DB 4; Length 56;  
Best Local Similarity 80.0%; Pred. No. 1.9e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
Db 31 CRGDE 35

RESULT 58  
US-09-989-903-58  
; Sequence 58, Application US/09989903  
; Patent No. 6797812  
; GENERAL INFORMATION:  
; APPLICANT: Fernandez-Alnemri, Emad S.  
; TITLE OF INVENTION: CASPASE-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING  
; FILE REFERENCE: 480140.434D1  
; CURRENT FILING DATE: 2002-04-11  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 58  
; LENGTH: 56  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-989-903-58

Query Match 87.5%; Score 28; DB 4; Length 56;  
Best Local Similarity 80.0%; Pred. No. 1.9e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
Db 31 CRGDE 35

RESULT 59  
US-09-621-976-5011  
; Sequence 5011, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENSET.054PR2  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 5011  
; LENGTH: 131  
; TYPE: PRT

; ORGANISM: Homo sapiens  
US-09-621-976-5011

Query Match 87.5%; Score 28; DB 4; Length 131;  
Best Local Similarity 80.0%; Pred. No. 4e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
Db 106 CQGDD 110

RESULT 60  
US-09-489-039A-13402  
; Sequence 13402, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 13402  
; LENGTH: 192  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-13402

Query Match 87.5%; Score 28; DB 4; Length 192;  
Best Local Similarity 80.0%; Pred. No. 5.7e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
Db 2 CRGDE 6

RESULT 61  
US-09-949-016-6648  
; Sequence 6648, Application US/09949016  
; Patent No. 6812339  
; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; FILE REFERENCE: CL001307  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: US/09/949,016  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 6648  
; LENGTH: 416  
; TYPE: PRT  
; ORGANISM: Human  
US-09-949-016-6648

Query Match 87.5%; Score 28; DB 4; Length 416;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
Db 57 CRGDE 61

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RESULT 62
US-08-705-771-18
; Sequence 18, Application US/08705771
; Patent No. 6054289
; GENERAL INFORMATION:
; APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
; APPLICANT: Jian Ni and Jing-Shan Hu
; TITLE OF INVENTION: Human Genes, Sequences and
; TITLE OF INVENTION: Expression Products
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,771
; FILING DATE: August 30, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-346 (PF196)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 973-994-1700
; TELEFAX: 973-994-1744
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 417 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-705-771-18

Query Match 87.5%; Score 28; DB 3; Length 417;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 57 CRGED 61

RESULT 63
US-09-417-540-18
; Sequence 18, Application US/09417540
; Patent No. 6639052
; GENERAL INFORMATION:
; APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
; APPLICANT: Jian Ni and Jing-Shan Hu
; TITLE OF INVENTION: Human Genes, Sequences and
; TITLE OF INVENTION: Expression Products
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE

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; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/417,540
; FILING DATE: 14-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/705,771
; FILING DATE: August 30, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-346 (PF196)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 973-994-1700
; TELEFAX: 973-994-1744
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 417 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-417-540-18

Query Match 87.5%; Score 28; DB 4; Length 417;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 57 CRGED 61

RESULT 64
US-08-983-502-10
; Sequence 10, Application US/08983502
; Patent No. 6399327
; GENERAL INFORMATION:
; APPLICANT: David WALLACH
; APPLICANT: Mark P. BOLDIN
; APPLICANT: Tanya M. GONCHAROV
; APPLICANT: Yuri V. GOLTSEV
; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
; TITLE OF INVENTION: AND OTHER PROTEINS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,502
; FILING DATE: 16-JAN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10521
; FILING DATE: 14-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 114,615
; FILING DATE: 16-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 114,986
; FILING DATE: 17-AUG-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 115,319

```

;; FILING DATE: 14-SEP-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: IL 116,588  
;; FILING DATE: 27-DEC-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: IL 117,932  
;; FILING DATE: 16-APR-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Browdy, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: WALLACH=19  
;; TELEPHONE: (202) 628-5197  
;; TELEFAX: (202) 737-3528  
;; INFORMATION FOR SEQ ID NO: 10:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 421 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
US-08-983-502-10

Query Match 87.5%; Score 28; DB 3; Length 421;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 289 CRGDE 293

RESULT 65  
US-09-516-747-10  
; Sequence 10, Application US/09516747  
; Patent No. 6586571

;; GENERAL INFORMATION:  
;; APPLICANT: David WALLACH  
;; Mark P. BOLDIN  
;; Tanya M. GONCHAROV  
;; Yury V. GOLTSEV

;; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS  
;; AND OTHER PROTEINS

;; NUMBER OF SEQUENCES: 34

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Browdy and Neimark  
;; STREET: 419 Seventh Street N.W., Ste. 300  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20004

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy-disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: Patent In Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/09/516,747

;; FILING DATE: 01-Mar-2000

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/983,502

;; FILING DATE: <Unknown>

;; APPLICATION NUMBER: IL 114,615

;; FILING DATE: 16-JUL-1995

;; APPLICATION NUMBER: IL 114,986

;; FILING DATE: 17-AUG-1995

;; APPLICATION NUMBER: IL 115,319

;; FILING DATE: 14-SEP-1995

;; APPLICATION NUMBER: IL 116,588

;; FILING DATE: 27-DEC-1995

;; APPLICATION NUMBER: IL 117,932

;; FILING DATE: 16-APR-1996

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Browdy, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: WALLACH=19  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 628-5197  
;; TELEFAX: (202) 737-3528  
;; INFORMATION FOR SEQ ID NO: 10:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 421 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
US-09-516-747-10

Query Match 87.5%; Score 28; DB 4; Length 421;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 289 CRGDE 293

RESULT 66

PCT-US96-10521-10

;; Sequence 10, Application PC/TUS9610521

;; GENERAL INFORMATION:

;; APPLICANT:

;; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS

;; AND OTHER PROTEINS

;; NUMBER OF SEQUENCES: 34

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: Patent In Release #1.0, Version #1.30 (BPO)

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: PCT/US96/10521

;; FILING DATE:

;; CLASSIFICATION:

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 114,615

;; FILING DATE: 16-JUL-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 114,986

;; FILING DATE: 17-AUG-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 115,319

;; FILING DATE: 14-SEP-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 116,588

;; FILING DATE: 27-DEC-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 117,932

;; FILING DATE: 16-APR-1996

;; INFORMATION FOR SEQ ID NO: 10:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 421 amino acids

;; TYPE: amino acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: protein

PCT-US96-10521-10

Query Match 87.5%; Score 28; DB 5; Length 421;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 289 CRGDE 293

RESULT 67  
US-09-252-991A-25316  
; Sequence 25316, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 25316  
; LENGTH: 426  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-25316

Query Match 87.5%; Score 28; DB 4; Length 426;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
DB 225 CRGDE 229

RESULT 68  
US-09-489-039A-8143  
; Sequence 8143, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 2709-2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 8143  
; LENGTH: 433  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-8143

Query Match 87.5%; Score 28; DB 4; Length 433;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
DB 281 CRGED 285

RESULT 69  
US-08-258-287B-53  
; Sequence 53, Application US/08258287B  
; Patent No. 6083735  
; GENERAL INFORMATION:  
; APPLICANT: Yuan, Junying  
; APPLICANT: Miura, Masayuki  
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/258,287B  
; FILING DATE: 10-JUN-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/080,850  
; FILING DATE: 24-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bugalsky, Lawrence B.  
; REGISTRATION NUMBER: 35,086  
; REFERENCE/DOCKET NUMBER: 0609.3920001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; TELEX: 248636 SSK  
; INFORMATION FOR SEQ ID NO: 53:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 435 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-258-287B-53

Query Match 87.5%; Score 28; DB 3; Length 435;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
|||:  
DB 303 CRGDE 307

RESULT 70  
US-08-368-704C-51  
; Sequence 51, Application US/08368704C  
; Patent No. 6087160  
; GENERAL INFORMATION:  
; APPLICANT: Yuan, Junying  
; APPLICANT: Miura, Masayuki  
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/368,704C  
; FILING DATE: 4-JAN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/258,287  
; FILING DATE: 10-JUN-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/080,850



;; FILING DATE: 24-JUN-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Bugalsky, Lawrence B.  
;; REGISTRATION NUMBER: 35,086  
;; REFERENCE/DOCKET NUMBER: 0609.3920002  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 371-2600  
;; TELEFAX: (202) 371-2540  
;; TELEX: 248636 SSK  
;; INFORMATION FOR SEQ ID NO: 51:  
;; SEQUENCE CHARACTERISTICS:  
;; TYPE: amino acid  
;; LENGTH: 435 amino acids  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
US-08-368-704C-51

Query Match 87.5%; Score 28; DB 3; Length 435;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 303 CRGDE 307

RESULT 71  
US-09-561-756-9  
;; Sequence 9, Application US/09561756  
;; Patent No. 6376226  
;; GENERAL INFORMATION:  
;; APPLICANT: Alnemri, Emad S.  
;; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES  
;; FILE REFERENCE: 480140.431  
;; CURRENT APPLICATION NUMBER: US/09/561,756  
;; PRIOR FILING DATE: 2000-04-26  
;; PRIOR FILING DATE: 1999-01-08  
;; NUMBER OF SEQ ID NOS: 116  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 9  
;; LENGTH: 435  
;; TYPE: PRT  
;; ORGANISM: Homo sapien  
US-09-561-756-9

Query Match 87.5%; Score 28; DB 3; Length 435;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 303 CRGDE 307

RESULT 72  
US-09-227-721-9  
;; Sequence 9, Application US/09227721  
;; Patent No. 6379950  
;; GENERAL INFORMATION:  
;; APPLICANT: Alnemri, Emad S.  
;; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES  
;; FILE REFERENCE: 480140.431  
;; CURRENT APPLICATION NUMBER: US/09/227,721  
;; CURRENT FILING DATE: 1999-01-08  
;; NUMBER OF SEQ ID NOS: 116  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 9  
;; LENGTH: 435  
;; TYPE: PRT  
;; ORGANISM: Homo sapien

US-09-227-721-9

Query Match 87.5%; Score 28; DB 3; Length 435;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 303 CRGDE 307

RESULT 73  
US-08-816-075-2  
;; Sequence 2, Application US/08816075  
;; Patent No. 6416753  
;; GENERAL INFORMATION:  
;; APPLICANT: Yuan, Junying  
;; APPLICANT: Friedlander, Robert  
;; TITLE OF INVENTION: Programmed Cell Death and Interleukin-1  
;; NUMBER OF SEQUENCES: 3  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
;; STREET: 1100 New York Ave., N.W.  
;; CITY: Washington  
;; STATE: DC  
;; COUNTRY: USA  
;; ZIP: 20005  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/816,075  
;; FILING DATE: 13-MAR-1997  
;; CLASSIFICATION: 424  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 60/013,524  
;; FILING DATE: 15-MAR-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Bugalsky, Lawrence B.  
;; REGISTRATION NUMBER: 35,086  
;; REFERENCE/DOCKET NUMBER: 0609.421001/JAG/LBB  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-371-2600  
;; TELEFAX: 202-371-2540  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 435 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
US-08-816-075-2

Query Match 87.5%; Score 28; DB 4; Length 435;  
Best Local Similarity 80.0%; Pred. No. 1.2e+03;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5  
DB 303 CRGDE 307

RESULT 74  
US-08-724-378D-9  
;; Sequence 9, Application US/08724378D  
;; Patent No. 6512104  
;; GENERAL INFORMATION:  
;; APPLICANT: JUAN, SHAO-CHIEH  
;; APPLICANT: FLETCHER, FREDERICK A.  
;; APPLICANT: PATTERSON, SCOTT D.  
;; TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE  
;; PROTEASE

```
; FILE REFERENCE: 06843-0019-00000
; CURRENT APPLICATION NUMBER: US/08/724,378D
; CURRENT FILING DATE: 1996-10-01
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-724-378D-9

Query Match      87.5%; Score 28; DB 4; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      303 CRGDE 307

RESULT 75
US-09-954-697-9
; Sequence 9, Application US/09954697
; Patent No. 6610541
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 480140.431D2
; CURRENT APPLICATION NUMBER: US/09/954,697
; CURRENT FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-954-697-9

Query Match      87.5%; Score 28; DB 4; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      303 CRGDE 307

Search completed: September 7, 2005, 20:10:56
Job time : 55 secs
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